

**CLAIMS:**

1. A method for transacting exchanges of agricultural products, the method comprising:
  - 5 setting a target value based on a target yield and a target price for output produced by an agricultural producer;
  - setting a benchmark value based on a benchmark price and actual yield for the output produced by the agricultural producer; and
  - 10 determining a contract value for payment of the agricultural producer based on the actual yield and an actual price marketed by the agricultural producer plus a revenue adjustment in the event the target value exceeds the benchmark value.
2. The method of claim 1, further comprising paying the contract value to the agricultural producer and, in consideration of the payment, requiring that the producer:
  - 15 purchase inputs from a specified source,
  - adhere to specified production conditions,
  - deliver information to a specified entity concerning output status during the selected production season, and
  - 20 deliver at least a portion of the output produced by the agricultural producer to a specified outlet.
3. The method of claim 2, wherein the specified source, the specified entity, and the specified outlet are a common entity.
- 25 4. The method of claim 2, wherein one or more of the specified source, the specified entity, and the specified outlet are agents of a common entity.
5. The method of claim 2, wherein the inputs include seed, agricultural chemicals, and fertilizer.

6. The method of claim 2, wherein the production conditions include specified types of seed, agricultural chemicals, and fertilizer.

5 7. The method of claim 2, wherein the information concerning production conditions includes crop growth conditions at one or more times during the selected production season.

8. The method of claim 2, wherein the output includes a crop.

10 9. The method of claim 2, further comprising requiring that the producer deliver at least the portion of the output produced by the agricultural producer to the specified outlet over two or more production seasons.

15 10. The method of claim 1, further comprising calculating the revenue adjustment based on a difference between the target value and the benchmark value.

11. The method of claim 1, further comprising determining a maximum revenue adjustment.

20 12. The method of claim 11, further comprising:  
determining the revenue adjustment based on the difference between the target value and the benchmark value; and  
in the event the revenue adjustment exceeds the maximum revenue adjustment,  
25 determining the contract value based on the actual yield and the actual price marketed by the agricultural producer plus the maximum revenue adjustment..

13. The method of claim 12, further comprising determining the maximum revenue adjustment by:

setting a reference value for the output produced by the agricultural producer based on the target price and a reference yield for the output;

5 setting the maximum revenue adjustment based on a percentage of the reference value.

14. The method of claim 13, further comprising determining the reference yield based on one of average production history (APH) information, historical yield  
10 information, and expected yield information agreed upon with the producer.

15. The method of claim 1, further comprising determining the target yield based on one of average production history (APH) information, historical yield information, and expected yield information agreed upon with the producer.

16. The method of claim 1, wherein the target yield is at least approximately 90% of an average production history (APH) yield for the output.

17. The method of claim 1, wherein the target yield is at least approximately 20 90% of a historical yield for the output.

18. The method of claim 1, wherein the target yield is based on approximately 90% of an expected yield agreed upon with the producer for the output.

25 19. The method of claim 1, further comprising setting the target price based on a futures price for the output.

20. The method of claim 1, wherein the output includes a crop.

21. The method of claim 1, further comprising adjusting the contract value based on service fees and discounts applied to the agricultural producer.

22. A method for transacting exchanges of agricultural products, the method  
5 comprising:

setting a target yield for an agricultural producer;

setting a target price; and

paying the agricultural producer no less than the target price for the target yield in exchange for purchase of inputs by the agricultural producer, delivery of output status information by the agricultural producer, and delivery of at least a portion of the output produced by the agricultural producer.  
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23. The method of claim 22, wherein the inputs include seed, agricultural chemicals, and fertilizer.

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24. The method of claim 22, wherein the output status information includes crop growth conditions at one or more times during the selected production season.

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25. The method of claim 22, wherein the output includes a crop, and the target yield is 75 to at least 90% of an average production history (APH) yield for the crop by the agricultural producer.

26. The method of claim 22, wherein the payment is made further in exchange for delivery of at least the portion of the output produced by the agricultural producer to a specified outlet over two or more production seasons.  
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27. The method of claim 22, wherein paying includes paying the agricultural producer either (a) the target price for the target yield, or (b) a market price for the target yield, whichever is greater.

28. The method of claim 27, further comprising paying the agricultural producer at least the target price for the target yield for two or more selected production seasons.

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29. The method of claim 27, further comprising setting the target price based on a futures price for the output.

10 30. The method of claim 22, further comprising paying the agricultural producer at least the target price for the target yield for two or more selected production seasons.

15 31. A method for transacting exchanges of agricultural products, the method comprising:

setting a target yield for an agricultural product based on historic yield information;

setting a target price for purchase of the agricultural product; and

determining a payment for a quantity of the agricultural product based at least in part on the target price and the target yield in exchange for consideration flowing from a producer of the agricultural product to a party making the payment.

20 32. The method of claim 31, wherein determining the payment includes determining the payment in exchange for agreement by the producer to adhere to one or more specified conditions.

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33. The method of claim 32, wherein the specified conditions include at least one of purchase of agricultural inputs by the agricultural producer from a specified source, adherence by the agricultural producer to specified production conditions, delivery of information by the agricultural producer to a specified entity concerning

product growth status during a selected production season, and delivery of at least a portion of the product produced by the agricultural producer to a specified outlet.

34. The method of claim 32, further comprising paying an agricultural  
5 producer either (a) the determined payment, or (b) a payment based on market price for the target yield, whichever is greater.

35. A method for transacting exchanges of agricultural products, the method comprising:

10 setting a target value based on a target yield and a target price for output produced by an agricultural producer;

setting a benchmark value based on a benchmark price and actual yield for the output produced by the agricultural producer; and

15 paying the agricultural producer a contract value based on the actual yield and an actual price marketed by the agricultural producer plus a revenue adjustment in the event the target value exceeds the benchmark value provided the producer agrees to:

purchase inputs from a specified source,

adhere to specified production conditions,

deliver information to a specified entity concerning output status during

20 the selected production season, and

deliver at least a portion of the output produced by the agricultural producer to a specified outlet.

36. A method for transacting exchanges of agricultural products, the method comprising:

setting a reference value based on a target price and a reference yield for output produced by an agricultural producer;

5 setting a target value based on a target yield for the output produced by the agricultural producer and the target price;

setting a benchmark value based on a benchmark price and actual yield for the output produced by the agricultural producer; and

10 paying the agricultural producer a contract value based on the actual yield and an actual price marketed by the agricultural producer plus a revenue adjustment in the event the target value exceeds the benchmark value subject to a maximum revenue adjustment equivalent to a portion of the reference value, provided the producer agrees to:

purchase inputs from a specified source,

adhere to specified production conditions,

15 deliver information to a specified entity concerning output status during the selected production season, and

deliver at least a portion of the output produced by the agricultural producer to a specified outlet.